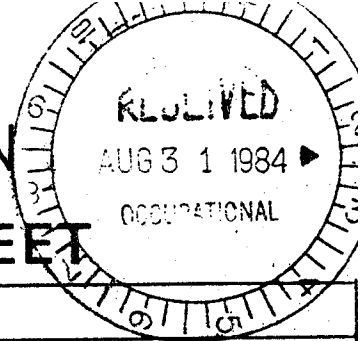


MS 250

HOLT LLOYD CORPORATION

MATERIAL SAFETY DATA SHEET



SECTION I

MANUFACTURER'S NAME Holt Lloyd Corporation	TRADE NAME LPS® 3 Heavy-Duty Rust Inhibitor
ADDRESS (NUMBER, STREET) 4647 Hugh Howell Road	CHEMICAL FAMILY Blended Compound
ADDRESS (CITY, STATE, ZIP) Tucker, GA 30084	U.S.D.A. CATEGORY H2
HAZARDOUS MATERIALS DESCRIPTION AND PROPER SHIPPING NAME (49 CFR 172.101) COMPOUND, BOILER, PRVING, LIQUID NMFC 50093 SUB 2 BRL/BXS CL55 CONSUMER COMODITY ORM-D	EMERGENCY TELEPHONE NO. Holt Lloyd Corporation (404) 934-7800
Aerosol: ORM-D-AIR Bulk: nonrestricted	MANUFACTURER'S D-U-N-S NO. 04-221-6549

SECTION II-INGREDIENTS

INGREDIENTS			TLV (UNITS)
Aliphatic Hydrocarbon	Cas #8052-41-3	Stoddard Solvent = 100 ppm	200
Non Hazardous Proprietary Blend			>500
CO ₂ Propellant (Aerosol)			

SECTION III-PHYSICAL DATA

BOILING POING (°F)	300°	SPECIFIC GRAVITY (H ₂ O=1)	.830
VAPOR PRESSURE (mmHg)	2.0	PERCENT VOLATILE BY VOLUME (%)	75
VAPOR DENSITY (AIR=1)	< 1	EVAPORATION RATE (Ethyl Ether -1)	70
SOLUBILITY IN WATER	No		
APPEARANCE AND ODOR	Dark brown--sweet mild odor.		

SECTION IV-FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (METHOD USED) 144°F T.C.C.	FLAMMABLE LIMITS	LEL	UEL
EXTINGUISHING MEDIA Foam, dry chemical or carbon dioxide.			
SPECIAL FIRE FIGHTING PROCEDURES Do not use water. Treat as combustible petroleum distillates.			
UNUSUAL FIRE AND EXPLOSION HAZARDS None			

SECTION V-HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE
200 PPM

EFFECTS OF OVEREXPOSURE EYES: Irritation.

SKIN: Repeated or prolonged contact may cause drying of skin.

INHALATION: Headache, dizziness and nausea.

EMERGENCY AND FIRST AID PROCEDURES EYES: Flush with copious amounts of cold water and contact physician.

SKIN: Wash with soap and water and then apply hand cream.

INHALATION: Move to fresh air and contact physician.

SECTION VI-REACTIVITY DATA

STABILITY	UNSTABLE		CONDITIONS TO AVOID Sparks and open flames. (See handling and storing precautions)
	STABLE	X	

INCOMPATIBILITY (MATERIALS TO AVOID)

Strong oxidizing agents.

HAZARDOUS DECOMPOSITION PRODUCTS

Thermal decomposition may yield carbon monoxide.

HAZARDOUS POLYMERIZATION	MAY OCCUR		CONDITIONS TO AVOID
	WILL NOT OCCUR	X	

SECTION VII-SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

Ventilate, remove leaking container, mop up or soak up with clay or other inert material, and discard.

WASTE DISPOSAL METHOD

Dispose of in accordance with local, state and federal regulations for petroleum distillates.

SECTION VIII-SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION (SPECIFY TYPE) None required if good ventilation is maintained. If vapor concentration rises above TLV, use NIOSH approved organic vapor cartridge respirator or self contained breathing apparatus.

VENTILATION	LOCAL EXHAUST Sufficient to maintain TLV	SPECIAL
	MECHANICAL (GENERAL)	OTHER

PROTECTIVE GLOVES

Use for liquid handling.

EYE PROTECTION

Use for liquid, spraying or splashing.

OTHER PROTECTIVE EQUIPMENT

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

Store aerosol below 120°F and above 32°F. Store bulk below 140°F and above 32°F.

Store away from ignition source and avoid breathing vapors or mist and skin contact.

PRECAUTIONARY LABELING

OTHER PRECAUTIONS

Avoid prolonged or repeated personal contact.

SIGNATURE

TITLE

Technical Service Manager
HOLT LLOYD CORPORATION

DATE

August 8, 1983

QPL-2150
DMS 2150

**CONTENTS
FIVE
GALLONS**



**PROTECTS ALL
METALS FOR
TWO YEARS
...OR MORE**

Extra Duty • Rust Inhibitor • Lubricant • Water Displacer

**TESTED AND APPROVED
FOR TWO YEAR PROTECTION**

Catalog #3-5
Conforms to MIL Spec.:
MIL-C-23411; MIL-C-16173D, Grade 2

CATALOG # 3-5

DIRECTIONS

Apply on clean surfaces when possible. Stops rust and displaces water FAST! Additional coats may be added as needed.

No.807

8 May 1968

Certificated for use as an article of stores on board vessels. This certification only covers hazard in the use of this product. The efficiency of this product is not passed upon.

U.S. Coast Guard

AIRCRAFT—MISSILES—ROCKETS: Engine assemblies; landing gear, wing and strut assemblies; empennage and stabilizer pins; reversers; jack screws, cargo pits and wings.

RAILROADS: Airbrake release springs; switches, journals; outdoor electrical connections and metal storage.

INDUSTRIAL: Outdoor (or long indoor) storage of machinery; parts; dies; tools; jigs; fixtures; bare metal, offshore drilling equipment; overseas storage or shipments; chain and cable; dries out metal roller conveyors, pulleys, finished welds; Johanson Blocks.

AUTOMOTIVE: Trucks; tractors; snowmobiles; garbage trucks; farm machinery and heavy equipment; dragline cables; battery terminals; 5th wheels; long indoor or outdoor storage; mounting tires; motor bike chains.

MARINE: Engines; cables; pulleys; hardware; electrical equipment; tools; boat trailers; springs; drive shafts; and rollers.

EXTREME CORROSION CONDITIONS: Dairies; wineries; breweries; soft drink and food packing plants; conveyors; mining; AEC; missiles and other underground installations; overseas shipment and storage; ski-tow cable and pulleys; auto washes; canal locks.

CHEMICAL CONDITIONS: Tools; machinery; fork lifts; cranes; electrical equipment; steel beams and parts in storage in plating, fertilizer, chemical, steel plants, paper mills, refineries.

LPS #3 is not a paint, lacquer or varnish.
CONTAINS NO SILICONES OR CHLORINATED SOLVENTS.

Easily removed with any solvent or detergent.

This is a heavy duty protective coating. For a medium duty coat, use LPS #2, for a light coat, use LPS #1, #25, or 4-way metal protector.

AVAILABLE IN AEROSOLS and 1, 5 and 55 Gal. drums.

CAUTION: KEEP AWAY FROM CHILDREN. HARMFUL OR FATAL IF SWALLOWED. DO NOT INDUCE VOMITING. CALL A PHYSICIAN